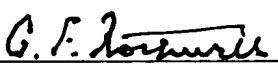


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| FORM PTO-1390 U.S. Department of Commerce Patent and Trademark Office<br><br><b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |   | Attorney's Docket No.<br>1796-160<br><br>U.S. Application No. (if known, see 37 CFR 1.5)<br><b>10/519080</b><br>New Application |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP03/06050   | INTERNATIONAL FILING DATE<br>May 15, 2003 | PRIORITY DATE CLAIMED<br>June 26, 2002  |
| <b>TITLE OF INVENTION</b><br>METHOD FOR PRODUCING HYDROGEN, AND APPARATUS FOR SUPPLYING HYDROGEN  |   |   |
| <b>APPLICANT(S) FOR DO/EO/US</b><br>Kiyoshi OTSUKA et al.   |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |   |
| <b>ITEMS 11. TO 20. below concern other document(s) or information included:</b>  |   |   |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input checked="" type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:<br/>           Copies of:<br/>           -Published International Application (20 pages)<br/>           -PCT Request (5 pages)         </li> </ol>  |   |   |

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|---|--------------|---|--|---------------------------------|----|
| <b>10/519080</b><br>U.S. APPLICATION NO. (If known, see 37 CFR 1.52)<br>New Application   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP03/06050                               |  | ATTORNEY DOCKET NO.<br>1796-160 |    |
| 21. The following fees are submitted:<br><input checked="" type="checkbox"/> a) Basic National Fee ..... \$300.00<br><input checked="" type="checkbox"/> b) Examination Fee ..... \$200.00<br><input checked="" type="checkbox"/> c) Search Fee ..... \$500.00<br><br><div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT = \$1000.00</div>  |              |   |  | \$ 1000.00                      |    |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or a fraction thereof.  |              |   |  | \$                              |    |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE   |                                 |    |
| 17 - 100 =  | / 50         |   | X 250.00   | \$ 0.00                         |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |  |                                 |    |
| Claims  | Number Filed | Number Extra  | Rate   |                                 |    |
| Total Claims  | 5 - 20 =     | 0   | X \$50.00  | \$                              |    |
| Independent Claims  | 4 - 3 =      | 1   | X \$200.00   | \$200.00                        |    |
| Multiple dependent claim(s) (if applicable)   |              |   | + \$360.00   | \$                              |    |
| TOTAL OF ABOVE CALCULATIONS =   |              |   |  | \$                              |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |   |  | \$                              |    |
| SUBTOTAL =  |              |   |  | \$1200.00                       |    |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |  | \$                              |    |
| TOTAL NATIONAL FEE =  |              |   |  | \$                              |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |  | + \$40.00                       |    |
| TOTAL FEES ENCLOSED =   |              |   |  | \$1240.00                       |    |
|   |              |   |  | Amount to be refunded           | \$ |
|   |              |   |  | charged                         | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1240.00</u> to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. 02-2135 in the amount of \$ _____ to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2135. A duplicate copy of this sheet is enclosed.<br><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b> |              |   |  |                                 |    |
| SEND ALL CORRESPONDENCE TO:<br><br><b>Customer No. 6449</b><br><br>G. Franklin Rothwell<br>Rothwell, Figg, Ernst & Manbeck<br>1425 K St., N.W.<br>Washington, D.C. 20005<br>Phone: 202/783-6040   |              |   | <div style="text-align: right;"> <br/>           Signature<br/><br/>           G. Franklin Rothwell<br/>           Name<br/><br/> <u>18,125</u><br/>           Registration Number         </div> |                                 |    |